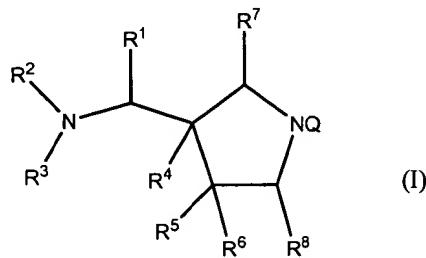


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A compound represented by the following formula (I), ~~its salts or hydrates or a salt or hydrate thereof~~



{wherein R¹ represents an aryl group having from 6 to 10 carbon atoms or a heteroaryl group, wherein the heteroaryl group ~~may be~~ is a five-membered ring or a six-membered ring and ~~may contain~~ contains from 1 to 4 hetero atoms ~~optionally selected from the group consisting of~~ nitrogen atom, oxygen atom and sulfur atom,

wherein the aryl group and heteroaryl group may have one or more substituents selected from the group consisting of a halogen atom, ~~hydroxyl~~hydroxyl group, thiol group, an amino group, nitro group, cyano group, ~~carboxyl~~carboxy group, carbamoyl group, a phenyl group, an alkyl group having from 1 to 6 carbon atoms, an ~~alkoxy~~alkoxy group having from 1 to 6 carbon atoms, an alkylthio group having from 1 to 6 carbon atoms, an alkoxy carbonyl group having from 2 to 6 carbon atoms, an acyl group having from 2 to 5 carbon atoms and a heteroaryl group

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(a five-membered ring or six-membered ring containing from 1 to 4 hetero atoms optionally selected from the group consisting of nitrogen atom, oxygen atom and sulfur atom),

wherein the alkyl group, alkoxyl-alkoxy group, alkylthio group, alkoxy carbonyl group, acyl group, phenyl group and heteroaryl group among them may have one or more substituents selected from the group consisting of a halogen atom, hydroxyl-hydroxyl group, an alkoxyl-alkoxy group having from 1 to 6 carbon atoms and an alkylthio group having from 1 to 6 carbon atoms, and

the amino group may have one or two substituents selected from the group consisting of formyl group, an alkyl group having from 1 to 6 carbon atoms, an acyl group having from 2 to 5 carbon atoms and an alkoxy carbonyl group having from 2 to 5 carbon atoms; R^2 and R^3 each independently represents hydrogen atom or an alkyl group having from 1 to 6 carbon atoms,

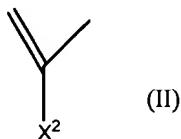
wherein the alkyl group may have one or more substituents selected from the group consisting of hydroxyl-hydroxyl group, a halogen atom, an alkylthio group having from 1 to 6 carbon atoms and an alkoxyl-alkoxy group having from 1 to 6 carbon atoms; R^4 , R^5 and R^6 each independently represents hydrogen atom, hydroxyl-hydroxyl group, a halogen atom, carbamoyl group, an alkyl group having from 1 to 6 carbon atoms, an alkoxyl-alkoxy group having from 1 to 6 carbon atoms or an alkylthio group having from 1 to 6 carbon atoms,

wherein the alkyl group among them may have one or more substituents selected from the group consisting of hydroxyl-hydroxyl group, a halogen atom and an alkoxyl-alkoxy group having from 1 to 6 carbon atoms, as substituents;

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R^7 and R^8 each independently represents hydrogen atom or an alkyl group having from 1 to 6 carbon atoms;

Q represents a partial structure represented by the following formula



[wherein R^9 represents an alkyl group having from 1 to 6 carbon atoms, an alkenyl group having from 2 to 6 carbon atoms, a halogenoalkyl group having from 1 to 6 carbon atoms, a cyclic alkyl group having from 3 to 6 carbon atoms which may have a substituent, an aryl group which may have a substituent, a heteroaryl group which may have a substituent, an alkoxyl-alkoxy group having from 1 to 6 carbon atoms or an alkylamino group having from 1 to 6 carbon atoms,

R^{10} represents hydrogen atom or an alkylthio group having 1 to 6 carbon atoms,

wherein R^{10} and the aforementioned R^9 may be integrated to form a ring structure by incorporating a part of the Q mother skeleton, and the thus formed ring may contain sulfur atom as a ring-constituent atom, and the ring may also have an alkyl group having from 1 to 6 carbon atoms as a substituent,

R^{11} represents hydrogen atom, an amino group, hydroxyl-hydroxy group, thiol group, a halogenomethyl group, an alkyl group having from 1 to 6 carbon atoms, an alkenyl group having from 2 to 6 carbon atoms, an alkynyl group having from 2 to 6 carbon atoms or an alkoxyl-alkoxy group having 1 to 6 carbon atoms,

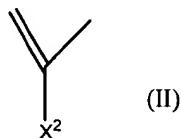
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wherein the amino group may have one or two substituents selected from the group consisting of formyl group, an alkyl group having from 1 to 6 carbon atoms and an acyl group having from 2 to 6 carbon atoms,

when R^{11} is an amino group, hydroxylhydroxy group or thiol group, theyit may be protected with a protective group;

X^1 represents a halogen atom or hydrogen atom,

A^1 represents nitrogen atom or a partial structure represented by the following formula (II)



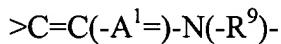
(wherein X^2 represents hydrogen atom, an amino group, a halogen atom, a cyano group, a halogenomethyl group, a halogenomethoxyhalogenomethoxy group, an alkyl group having from 1 to 6 carbon atoms, an alkenyl group having from 2 to 6 carbon atoms, an alkynyl group having from 2 to 6 carbon atoms or an alkoxylalkoxy group having from 1 to 6 carbon atoms,

wherein the amino group among them may have one or two substituents selected from the group consisting of formyl group, an alkyl group having from 1 to 6 carbon atoms and an acyl group having from 2 to 5 carbon atoms, and

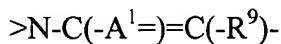
X^2 and the aforementioned R^9 may be integrated to form a ring structure by incorporating a part of the Q mother skeleton, and the thus formed ring may contain oxygen atom, nitrogen atom or sulfur atom as a ring-constituent atom, and the ring may also have an alkyl group having from 1 to 6 carbon atoms as a substituent),

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A^2 and A^3 each independently represents nitrogen atom or carbon atom, and A^2 and A^3 and the carbon atom, to which they are bonded, form a partial structure



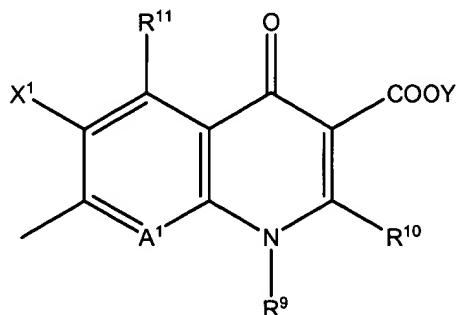
or a partial structure



and

Y represents hydrogen atom, phenyl group, acetoxyethyl group, pivaloyloxymethyl group, ethoxycarbonyl group, choline group, dimethylaminoethyl group, 5-indanyl group, phthalidinyl group, a 5-alkyl-2-oxo-1,3-dioxol-4-ylmethyl group, 3-acetoxy-2-oxobutyl group, an alkyl group having from 1 to 6 carbon atoms, an alkoxyethyl group having from 2 to 7 carbon atoms or a phenylalkyl group composed of an alkylene group having from 1 to 6 carbon atoms and phenyl group]}.

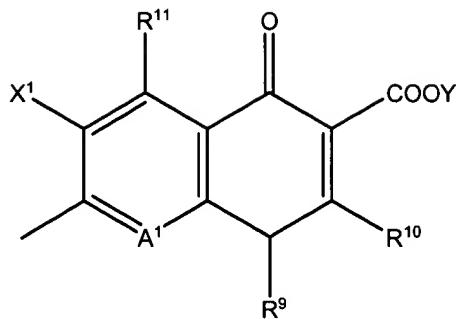
2. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) has a structure represented by the following



formula

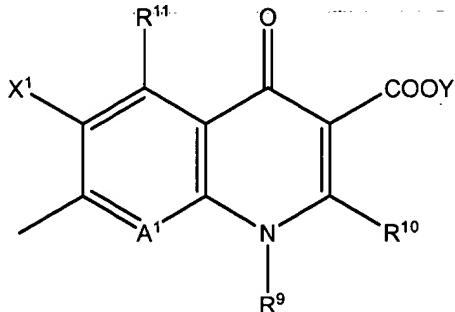
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or the following formula



(wherein A¹, R⁹, R¹⁰, R¹¹, X¹ and Y are as defined in claim 1 ~~the foregoing~~).

3. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) has a structure represented by the following



formula

(wherein A¹, R⁹, R¹⁰, R¹¹, X¹ and Y are as defined in claim 1 ~~the foregoing~~).

4. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) is 6-carboxy-9-fluoro-2,3-dihydro-3-(S)-methyl-7-oxo-7H-pyrido[1,2,3-de][1,4]benzoxazin-10-yl group.

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5. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) is 8-amino-6-carboxy-9-fluoro-2,3-dihydro-3-(S)-methyl-7-oxo-7H-pyrido[1,2,3-de][1,4]benzoxazin-10-yl group.

6. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) is 3-carboxy-6-fluoro-1-[2-(S)-fluoro-1-(R)-cyclopropyl]-1,4-dihydro-4-oxo-1,8-naphthyridin-7-yl group.

7. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) is 3-carboxy-8-chloro-6-fluoro-1-[2-(S)-fluoro-1-(R)-cyclopropyl]-1,4-dihydro-4-oxoquinolin-7-yl group.

8. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) is 3-carboxy-6-fluoro-1-[2-(S)-fluoro-1-(R)-cyclopropyl]-8-methoxy-1,4-dihydro-4-oxoquinolin-7-yl group.

9. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) is 3-carboxy-1-[2-(S)-fluoro-1-(R)-cyclopropyl]-8-methoxy-1,4-dihydro-4-oxoquinolin-7-yl group.

10. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) is 3-carboxy-6-fluoro-1-[2-(S)-fluoro-1-(R)-cyclopropyl]-8-difluoromethoxy-1,4-dihydro-4-oxoquinolin-7-yl group.

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11. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) is 3-carboxy-1-[2-(S)-fluoro-1-(R)-cyclopropyl]-8-difluoromethoxy-1,4-dihydro-4-oxoquinolin-7-yl group.

12. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) is 3-carboxy-6-fluoro-1-[2-(S)-fluoro-1-(R)-cyclopropyl]-8-methyl-1,4-dihydro-4-oxoquinolin-7-yl group.

13. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) is 5-amino-3-carboxy-6-fluoro-1-[2-(S)-fluoro-1-(R)-cyclopropyl]-8-methoxy-1,4-dihydro-4-oxoquinolin-7-yl group.

14. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) is 5-amino-3-carboxy-6-fluoro-1-[2-(S)-fluoro-1-(R)-cyclopropyl]-8-methyl-1,4-dihydro-4-oxoquinolin-7-yl group.

15. (currently amended): The compound according to claim 1, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein Q in the formula (I) is 5-amino-3-carboxy-6,8-difluoro-1-[2-(S)-fluoro-1-(R)-cyclopropyl]-1,4-dihydro-4-oxoquinolin-7-yl group.

16. (currently amended): The compound according to any one of claims 1 to 15, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein R¹ in the formula (I) is an aryl group having from 6 to 10 carbon atoms which may have a substituent.

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17. (currently amended): The compound according to claim 16, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein R¹ in the formula (I) is an aryl group having from 6 to 10 carbon atoms which may have a substituent, and its aryl group moiety is phenyl group or naphthyl group.

18. (currently amended): The compound according to any one of claims 1 to 15, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein R¹ in the formula (I) is a heteroaryl group which may have a substituent.

19. (currently amended): The compound according to claim 18, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein R¹ in the formula (I) is a heteroaryl group which may have a substituent, and its heteroaryl group moiety is furyl group, thienyl group, pyrrolyl group, oxazolyl group, isoxazolyl group, thiazolyl group, isothiazolyl group, imidazolyl group, pyrazolyl group, furazanyl group, pyridyl group, pyrazinyl group, pyrimidyl group, pyridazinyl group, triazinyl group or tetrazinyl group.

20. (currently amended): The compound according to any one of claims 1 to ~~19~~ 15, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein the compound of formula (I) is a stereochemically pure compound.

21. (currently amended): The compound according to claim 1, 2, ~~or 3, 16, 17, 18 or 19, its salts or hydrates or a salt or hydrate~~ thereof, wherein R⁹ is a cyclopropyl group having a halogen atom as a substituent.

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22. (currently amended): The compound according to claim 21, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein the cyclopropyl group having a halogen atom as a substituent is a 1,2-cis-halogenocyclopropyl group.

23. (currently amended): The compound according to claim 22, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein the cyclopropyl group having a halogen atom as a substituent is a stereochemically pure substituent.

24. (currently amended): The compound according to claim 23, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein the cyclopropyl group having a halogen atom as a substituent is a (1R,2S)-2-halogenocyclopropyl group.

25. (currently amended): The compound according to claim 24, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein the halogen atom of the cyclopropyl group having a halogen atom as a substituent is fluorine atom.

26. (currently amended): The compound according to any one of claims 1 to ~~2515~~, ~~its salts or hydrates or a salt or hydrate~~ thereof, wherein each of R⁴, R⁵, R⁶, R⁷ and R⁸ is hydrogen atom.

27. (canceled).

28. (currently amended): A medicament which comprises the compound described in any one of claims 1 to ~~2815~~, ~~its salts or hydrates or a salt or hydrate~~ thereof, as an active ingredient.

29. (currently amended): An antibacterial agent which comprises the compound described in any one of claims 1 to ~~2815~~, ~~its salts or hydrates or a salt or hydrate~~ thereof, as an active ingredient.

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30. (currently amended): A therapeutic agent for an infectious disease, which comprises the compound described in any one of claims 1 to 2815, ~~its salts or hydrates or a salt or hydrate~~ thereof, as an active ingredient.

31. (currently amended): A method for treating a disease, which comprises administering the compound described in any one of claims 1 to 2815, ~~its salts or hydrates or a salt or hydrate~~ thereof.

32. (currently amended): A method for treating an infectious disease, which comprises administering the compound described in any one of claims 1 to 2815, ~~its salts or hydrates or a salt or hydrate~~ thereof.

33. (currently amended): A method for producing a medicament, which comprises formulating the compound described in any one of claims 1 to 2815, ~~its salts or hydrates or a salt or hydrate~~ thereof, as an active ingredient.

34. (currently amended): A method for producing an antibacterial agent, which comprises formulating the compound described in any one of claims 1 to 2815, ~~its salts or hydrates or a salt or hydrate~~ thereof, as an active ingredient.

35. (currently amended): A method for producing an infectious disease treating agent, which comprises formulating the compound described in any one of claims 1 to 2815, ~~its salts or hydrates or a salt or hydrate~~ thereof, as an active ingredient.

36-38 (canceled).